Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 13 Dec 2021 until 23:59 on Tuesday 14 Dec 2021

Forecast Issued on Sunday 12 Dec 2021 at 11:34

Confidence: There is some uncertainty in timings and extent of rain and low cloud on Monday and Tuesday. High for more settled conditions to become established from mid-week.

Headline for Monday 13 Dec 2021: Mainly dry, perhaps some rain. Light winds.

Mountain weather hazards on Monday 13 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Cloudy	Cloudy	Cloudy	Light rain	Heavy Rain	Cloudy
Precipitation probability							
70%	70%	30%	30%	30%	60%	70%	40%

Forecast for Monday 13 Dec 2021

Weather: Outbreaks of rain or drizzle clearing overnight. A mainly dry day with some bright spells across the northern Peak District in the morning. Outbreaks of light rain or drizzle may affect the south then spread north and become heavier in the afternoon. There is considerable uncertainty in the northwards extent of this rain.

Chance of cloud free mountain/hill tops above 600m: 90%, becoming 60% in the afternoon. Best chance in north.

Visibility: Areas of cloud above 300m clearing overnight. Mainly good visibility during the day but patchy low cloud may affect the tops at times and reducing to a few km in any heavier rain later.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Monday 13 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/43 SW	30/40 SW	15/21 W	11/15 SW	10/13 SW	7/10 W	10/14 NW	5/8 SW	8/11 SW
300	24/35 S	22/33 SW	10/16 W	7/10 SW	6/8 SW	4/6 SW	6/11 NW	3/6 SW	4/7 SW
Valley	15/34 S	15/32 SW	7/15 W	3/9 SW	3/7 SW	2/5 W	5/10 NW	2/4 S	3/6 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	7/2	5/0	4/0	4/1	4/2	3/-1	2/0	2/-2
300	9/5	9/5	8/5	7/5	7/5	7/6	6/3	5/4	4/2
Valley	9/6	10/6	8/6	6/6	7/6	7/6	6/4	5/4	4/3
Freezing Level*	2300m	1800m	1300m	1100m	1200m	1200m	1300m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds on the tops overnight will ease by morning then a mild and settled day of weather.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 12 Dec 2021	11mm	12.2mm	23.2mm

Forecast for Tuesday 14 Dec 2021

Weather: A few mist and fog patches at first, these slowly clearing then a largely dry, mild but cloudy day. The odd spot of light rain or drizzle is possible.

Maximum wind: Southwest 15-20mph, gusts 30mph in the afternoon.

Chance of cloud free mountain/hill tops above 600m: 20% at first, becoming 70%.

Visibility: Extensive low cloud and fog down to low slopes at first. Visibility improving with cloud bases rising to leave a few patches on the summits by afternoon.

Temperature: **Valleys:** Plus 2C rising to 10 or 11C.
At 600m: Plus 1C rising to 4 or 5C.
Freezing level: Above summits.

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